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मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 4007-2-3 (1983): Terminals for Electronic Equipment,
Part 2: Detail Terminals, Section 3: Terminal,
Non-insulated, with Insulated Captive Screw cap, Type TSC 3
[LITD 3: Electromechanical COmponents and Mechanical
Structures for Electronic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard



SPECIFICATION FOR
TERMINALS FOR ELECTRONIC EQUIPMENT
PART 2 DETAIL SPECIFICATION FOR TERMINALS
Section 3 Terminal, Non-insulated, with Insulated
Captive Screw Cap, Type TSC 3

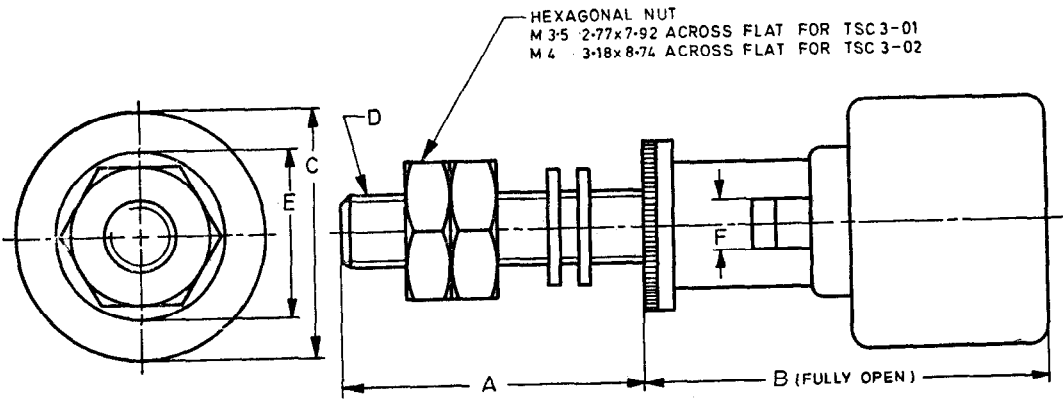
1. **Scope** — This standard (Part 2/Sec 3) covers detail requirements of terminals, non-insulated, with insulated captive screw cap, type TSC 3 and shall be read in conjunction with IS : 4007 (Part 1)-1982 'Specification for terminals for electronic equipment : Part I General requirements and tests (first revision)'.

2. **Climatic Test Severities**

Temperature severity	55/85°C	10/70°C
Damp heat (steady state)	56 days	21 days
Damp heat (cyclic)	6 cycles	2 cycles
Low air pressure	4.4 kPa	30 kPa
Vibration	10 to 55 Hz, Duration—6 hours Amplitude displacement — 0.75 mm	
Impact	500 m/s², 5 minutes	

3. **Outline Drawing and Dimensions** — See Table 1.

TABLE 1 DIMENSIONS OF TERMINAL TYPE TSC 3



Terminal Type	Insulation Colour	Dimensions						Sealed/ Non-sealed
		A	B	C	D*	E	F	
TSC 3-01	Black	14.27	18.64	12.70	M 3.5	7.92	3.1x2.39	Non-sealed
TSC 3-02	Black	20.62	4.37	15.88	M 4	11.13	3.18x3.96	Non-sealed

*Screw threads according to IS : 4218 (Part 2)-1967 'ISO metric screw threads'.

Note 1 — Dimensions are in millimetres.

Note 2 — Unless otherwise specified, tolerance are ± 0.40 mm.

Note 3 — Drawing depicts only general design characteristics and is not intended to limit specific manufacturing processes. Shape of cap is optional.

Note 4 — Brass inserts shall be used for insulated screw cap.

EXPLANATORY NOTE

This standard is based on JSS 52710-Jan 1974 'Specification for terminals, captive screw cap and captive spring loaded', published by Ministry of Defence. In addition to climatic severities specified in JSS 52710-Jan 1974, the climatic severities for commercial usage have been included in this standard.

Electromechanical Components for Electronic Equipment Sectional Committee, LTDC 7 [Ref : Doc : LTDC 7 (548)]

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